

# Awning or Shelter Deck,

## Pt. Awning Deck.

# STEEL STEAMER.

MON 10 JUN. 1919

No. 8129

Port of *Belfast*

Date of completion of Report *5th June 1919*

Received at London Office

Survey held at *Belfast*

Date, First Survey *23rd Sept. 1918*

Last Survey *27th May*

1919

On the (State if Single, Twin, or Triple Screw)

*Steel Screw Steamer 'NEWTON'*

Rig *fore & aft schooner*

### TONNAGE under Tonnage Deck...

Do. between Tonnage Dk and 3rd, 4th, or Awning Dk.	
Total under Upper Dk.	<i>6229.81</i>
Do. of Poop	
Do. of R/Qr. Dk.	
Do. of Bridge House	<i>6.92</i>
Do. of Forecastle	
Do. of Houses on Deck	<i>196.19</i>
Do. of excess of Hatchways	<i>55.50</i>
Do. above Crown of Engine Room	<i>20.21</i>
Gross Tonnage	<i>6508.93</i>
Less Crew Space	<i>241.00</i>
Less above Crown of Engine Room	<i>20.21</i>
TONNAGE FOR FEES...	<i>6247.71</i>
Less Engine Room	<i>2082.85</i>
Less Navigation Spaces	<i>170.15</i>

### CLASS *100A1 "Shelter Deck"*

FEET.

Breadth (greatest moulded)	<i>55.46</i>
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck	<i>38.04</i>
Deduct height of 'tween deck when this does not exceed 8ft.	<i>93.50</i>
Transverse Number	<i>85.50</i>
Length on deck from fore part of stem to after part of sternpost	<i>411.5</i>
Longitudinal Number	<i>35182</i>
Depth "d" at middle of length. See Secs. 2 & 13	<i>25.08</i>
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel	<i>10.80</i>
" " " Upper Deck at side to top of keel	

Master *Jones*

Year of Appointment

(1) As Master in service of owner of present vessel:—191  
(2) As Master of this vessel:—191

Built at *Belfast*

When built *1919*—*5mo* Launched *30th April 1919*

By whom built *Harland & Wolff Ltd.*

Owners *Lampart & Holt Ltd.*

Managers

(Where necessary to be entered in Reg. Book.)

Residence

Port belonging to *Liverpool*

### Tonnage

on Beam... *4014.92*

Destined Voyage *Glasgow to load*

If Surveyed while Building, Afloat, or in Dry Dock *Yes*

FT. on Rule	INS. on Rule	BREADTH	FT. on Rule	INS. on Rule	DEPTH, ACTUAL	FT. on Rule	INS. on Rule	No. of Decks with flat laid	No. of Tiers of Beams
<i>41</i>	<i>6</i>	Moulded	<i>55</i>	<i>5 1/2</i>	Top of Floors to top of Awn. or Shelter Dk. Beams	<i>34</i>	<i>6</i>	<i>2</i>	<i>2</i>
					do. Upper Deck Beams	<i>25</i>	<i>1</i>		
Length of Ship per Register,			<i>34.45</i>		Awn. or Shelter Dk.				
Length <i>412.6</i>	breadth <i>55.8</i>	depth <i>38.04</i>			Upper Deck				
					Moulded depth, ft. <i>38</i> ins. <i>0 1/2</i>			Round up of Uppermost Dk. Beam, Actual	<i>nil</i> ins
					Moulded depth, ft. <i>28</i> ins. <i>7 1/2</i>			To Upper Dk.	

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, or E or L Bars, amidships	<i>9</i>	<i>4</i>	<i>4.8</i>	<i>9</i>	<i>4</i>	<i>4.8</i>	
Peaks <i>Bulk Angles</i>	<i>9</i>	<i>3 1/2</i>	<i>4.6</i>	<i>9</i>	<i>3 1/2</i>	<i>4.6</i>	
Way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.2</i>	
" " at intermdt. Bkts.	<i>10</i>	<i>3 1/2</i>	<i>4.6</i>	<i>10</i>	<i>3 1/2</i>	<i>4.6</i>	
of Frames from centre to centre amidships	<i>35</i>			<i>35</i>			
length to collision bulkhead	<i>3 1/2</i>	<i>28</i>	<i>24 1/2</i>	<i>3 1/2</i>	<i>28</i>	<i>24 1/2</i>	
of Frames from centre to centre in peaks	<i>24 1/2</i>			<i>24 1/2</i>			
SED FRAME, Angles	<i>9</i>	<i>4</i>	<i>4.8</i>	<i>9</i>	<i>4</i>	<i>4.8</i>	
Way of Double bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.2</i>	
" " at intermdt. Bkts.	<i>9</i>	<i>3 1/2</i>	<i>4.6</i>	<i>9</i>	<i>3 1/2</i>	<i>4.6</i>	
NG, depth of girder	<i>14 1/2</i>			<i>14 1/2</i>			
S, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
in way of Engine and Boiler spaces							
thickness at the ends of vessel							
depth at 1/2 the half-bath. as per Rule							
height extended at the Bilges							
S, in Cell Double Bottoms	<i>40</i>	<i>40</i>	<i>36</i>	<i>40</i>	<i>40</i>	<i>36</i>	
state if flanged (top and bottom)	<i>no</i>			<i>no</i>			
spacing of Solid	<i>70</i>			<i>70</i>			
E GIRDER, in Dbl. bottom, dpth. & thcknss	<i>43 1/4</i>	<i>54</i>	<i>54</i>	<i>43 1/4</i>	<i>54</i>	<i>54</i>	
" Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>5.0</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>5.0</i>	
" " Bottom	<i>3 1/2</i>	<i>3 1/2</i>	<i>6.2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>6.2</i>	
" " to Floors <i>Single</i>	<i>7</i>	<i>7</i>	<i>4.5</i>	<i>7</i>	<i>7</i>	<i>4.5</i>	
Brackets at intermdt. frmg., width & thcknss	<i>48</i>	<i>40</i>	<i>48</i>	<i>48</i>	<i>40</i>	<i>48</i>	
RDERS, number and thickness	<i>one</i>	<i>40</i>	<i>one</i>	<i>40</i>			
" state if flanged (top & bottom)	<i>no</i>			<i>no</i>			
Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.2</i>	
N PLATE, depth (exclusive of flange) and thickness	<i>52</i>			<i>52</i>			
Angles to outside plating	<i>3 1/2</i>	<i>3 1/2</i>	<i>5.0</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>5.0</i>	
" to Floors <i>Single</i>	<i>7</i>	<i>7</i>	<i>5.0</i>	<i>7</i>	<i>7</i>	<i>5.0</i>	
Brackets at intermdt. frmg., width & thcknss	<i>60</i>	<i>40</i>	<i>60</i>	<i>40</i>			
Height of Brackets above at bilge	<i>42</i>	<i>46</i>	<i>42</i>	<i>46</i>			
BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>42</i>	<i>52</i>	<i>42</i>	<i>52</i>			
" thickness in Engine and Boiler space	<i>E. 60 x 1.00 B. 60</i>	<i>E. 60 x 1.00 B. 60</i>					
" Remainder in Holds	<i>52</i>	<i>42</i>	<i>in way of 28 in. 52</i>	<i>42</i>			
Awn. or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>9</i>	<i>3 1/2</i>	<i>4.4</i>	<i>9</i>	<i>3 1/2</i>	<i>4.4</i>	
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>10</i>	<i>3 1/2</i>	<i>5.0</i>	<i>10</i>	<i>3 1/2</i>	<i>5.0</i>	
Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>35</i>			<i>35</i>			
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
Angles on upper edge							
Spacing							
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
Angles on upper edge							
Spacing							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	<i>8</i>	<i>3</i>	<i>4.4</i>	<i>8</i>	<i>3</i>	<i>4.4</i>	
Angles on upper edge							
Spacing	<i>24 1/2</i>			<i>24 1/2</i>			

PILLARS. 2 Rows.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, In 'tween Deck, size and spacing	<i>7 1/4</i>	<i>50 1/2</i>	<i>60</i>	<i>at corners of Hatchways</i>			
" " Hold							
" " Quarter, 'tween Dks,	<i>7 1/4</i>	<i>50 1/2</i>	<i>60</i>	<i>at corners of Hatchways</i>			
" " in Hold							
KEELSONS AND STRINGERS.							
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
" Rider Plate							
" Flat Keel Plate Angles							
" Horizontal Plates on Floors							
" Angles or Bulb Angles							
SIDE KEELSONS, Number							
" Angles or Bulb Angles							
" Plate above floors, for length							
" Intercoastal Plate, for length							
" Attached to outside plating with Angle							
BILGE KEELSON, Angles							
" Intercoastal Plate, for length							
" Attached to outside plating with Angle							
SIDE STRINGERS, Number <i>one in No. 1 Hold</i>							
" Angle	<i>9</i>	<i>4</i>	<i>4.8</i>	<i>9</i>	<i>4</i>	<i>4.8</i>	
" Intercoastal Plate, for <i>36</i> in. lng.		<i>50</i>			<i>50</i>		
" Attached to outside plating with Angle	<i>7</i>	<i>7</i>	<i>50</i>	<i>7</i>	<i>7</i>	<i>50</i>	
Awning or Shelter Deck Stringer Plates, breadth and thickness	<i>73</i>	<i>60</i>		<i>73</i>	<i>60</i>		
" Angle on ditto	<i>7</i>	<i>7</i>	<i>60</i>	<i>7</i>	<i>7</i>	<i>60</i>	
" Tie Plates, fore and aft, outside Hatchways							
" Deck, * Iron or Steel, for full lng.	<i>60</i>	<i>to 34</i>	<i>outside hatchways</i>				
" Wood Deck, Material & thickness	<i>2 1/2</i>	<i>AP. Sheathing over clau space</i>					
Upper Deck Stringer Plate, breadth and thickness	<i>38</i>			<i>38</i>			
" Angles on ditto, No. <i>two</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.2</i>	
" Tie Plates, outside Hatchways	<i>3</i>	<i>3</i>	<i>4.2</i>	<i>3</i>	<i>3</i>	<i>4.2</i>	
" Deck, * Iron or Steel, for full lng.	<i>38</i>	<i>to 30</i>	<i>outside hatchways</i>				
" Wood Deck, Material & thickness	<i>30</i>	<i>to 30</i>	<i>between</i>				
Second Deck Stringer Plates, breadth & thickness	<i>44</i>	<i>over deck tank</i>					
" Angles on ditto, No.							
" Tie Plates, outside Hatchways							
" Deck, * Material and thickness							
Third, Fourth & Fifth Deck Stringer Plates, breadth and thickness							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways							
" Deck, Material and thickness							
Poop Deck Stringer Plate, breadth & thickness							
" Angles on ditto							
" Tie Plates							
" Deck, Material and thickness							
Bridge Deck Stringer Plate, breadth & thickness							
" Angle on ditto							
" Tie Plates							
" Deck, Material and thickness							
Forecastle Deck Stringer Plate, breadth & thickness	<i>30</i>			<i>30</i>			
" Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.0</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>4.0</i>	
" Tie Plates							
" Deck, Material and thickness	<i>30</i>			<i>30</i>			

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

W252-0034 (112)



[illegible]

Number of Certificate.		Anchors.	WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQ. BY TABLE 31.		Description of Anchor.	Makers.	Where and when tested and Superintendent.	
Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.		
80673	1st Bower	60	0	21	45	1	8	53	7	2	0	68	0	Halls Patent Steel as R. Kingly & Sons Netherton 7-12-18
80674	2nd "	60	0	24	45	2	24	53	7	2	0	68	0	" " " " " " " " " " " "
80675	3rd "	50	1	0	36	2	23	47	18	0	14	53	2	" " " " " " " " " " " "
Collective weight		177	1	0	107	0	0	158	25	0	28	194	2	" " " " " " " " " " " "
80676	Stream ...	19	0	21	5	0	23	20	1	3	14	19	0	Ordinary R. Kingly & Sons Netherton 7-12-18
81321	Kedge .....	8	0	4	2	0	13	10	5	0	0	8	0	" " " " " " " " " " " "

  

CHAIN CABLES.										HAWERS AND WARPS.												
Number of Certificate.		Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towing.		Fathoms and size per Table 31.				
Length.	Diam.	Tons.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Faths.	Inches.			Faths.	Inches.	Tons.	Cwts.	qrs.	lbs.			
68270	125	2 1/2	27 1/2	0	13 1/2	0	280	1	10	0	550	0	0	210	2 1/2	Supd. R. Kingly & Sons Netherton 19-11-18	TOWLINE	120	5 1/2	65	120	5 1/2
68280	105	2 1/2	27 1/2	0	13 1/2	0	280	1	10	0	550	0	0	210	2 1/2	Supd. R. Kingly & Sons Netherton 19-11-18	HAWSERS & WARPS	90	8	Temp	90	8
	110	0	0	0	0	0	0	0	0	0	0	0	0	90	8	"	"	90	8	"	90	8
	90	0	0	0	0	0	0	0	0	0	0	0	0	90	8	"	"	90	8	"	90	8

**Boats.** 4 Life Boats.  
**Pumps,** Number 4 Hand Pumps to fore peak tank top & after tank Diameter of Barrel 4"  
**Windlass** is Emerson Pump & Johnson Patent steam direct. Capstan ✓  
**Engine Room Skylights.**—How constructed? Steel Plates & angles What arrangements for deadlights in bad weather? Bulls eyes & shutters.  
**Coal Bunker Openings.**—How constructed? Steel Plates & angles How are lids secured? Batters & Chocks Height above deck? 30"  
**Number of Scuppers,** and numbers and dimensions of Freeing Ports, &c. none  
**Ceiling in Holds,** thickness and material none except 2 1/2" W.P. over timbers in aft cargo hold  
**Cargo Hatchways.**—How formed? Steel Plates & angles Hatches, If strong and efficient? Yes holds only  
State size No. 1 Hatch (Forward) N° 1 12' 2 1/2" x 19' 9 1/2" No. 2 Hatch 14' 6 1/2" x 19' 9 1/2" No. 3 Hatch 9' 8 1/4" x 19' 9 1/2" No. 4 Hatch 29' 1 1/2" x 19' 9 1/2"  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch Five webs in N° 1-2-5 & 6. Hatchways. 2 Webs in N° 3 and one web in N° 4 all webs 1 1/2" x 3/8" and 4" angles 3 1/2" x 3 1/2" No. of Breasthooks 2 No. of Crutches Deep Floors  
**Bulwarks,** height above deck and description open rails Main Rail and Stays, material and size ✓  
The foregoing is a correct description.  
Builder's Signature (three only) For HARLAND & WOLFF Ltd. Surveyor's Signature J. M. Kendall  
Surveyor to Lloyd's Register of British and Foreign Shipping.

**Concurrence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)  
M. 8/4/18, 19/1/18, 12/2/18, 24/4/18, 24/7/18, 13/8/18, M. 28/10/18, 26/11/18  
**Workmanship.** Are the butts of plating planed or otherwise fitted? Planed  
Is the riveted work properly closed? Yes  
Are the liners between the frames and plates solid single pieces? Yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Yes Do any rivets break into or through the seams or butts of the plating? very few  
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes State results of tests satisfactory  
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests satisfactory  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests satisfactory  
**General Remarks** (State quality of workmanship, &c.)  
This vessel is a standard vessel N Type and has been built in accordance with the plans approved by the Committee the Secretary's letters of the above mentioned dates and in other respects in general conformity with the Rules and the materials and workmanship are good throughout.  
The keel was sighted before launching and found straight.  
The inner surface of the bottom plating has been cemented in the ordinary way in the engine & boiler room tanks & hold wells, and cement washed with fillets at plate edges elsewhere.  
Spar Ceiling has been omitted from the shelter tween decks.  
The approved sketches of Midship Section & Profile are at present in the London Office. Kindly return same to this Office in due course.  
Six forging reports are enclosed herewith.  
S.S. NASMYTH N° 546 Belfast FE Rept 8114  
The Surveyor should state the Number of Report and Name of any Sister Vessel/built or Yard Number of any building.

The amount of Entry Fee ..... £ 5 : 0 : 0 Fees applied for,  
Special Survey Fee..... £ 18 : 4 : 0 Received by me,  
Travelling Expenses if any £ 26 : 0 : 0 Chargeable by me  
State whether the Vessel has been built under Special Survey Yes  
I am of opinion this Vessel should be Classed \* 100 A. Shelter Dk Straight frame bevelled bulge  
With, or without Freeboard, as condition of Class with freeboard. cargo battens not fitted in shelter tween decks  
Committee's Minute 61-62 S. 1100 JUL FRI JUN. 13. 1919  
Character assigned 100A  
Shelter dk with flgd  
Straight frame & bevelled bulge + Lab 3.19  
Cargo batten not fitted in main Dk F.D.  
Lloyd's 226P



GENERAL REMARKS--(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle *on Shelter Deck*  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given a  
should appear in the Register Book) *1 Dk (Stl) and Shelter Dk (Stl) 6 Bds to Shelter Dk 2 to Upper Dk.*

Official No. *140628*; Signal Letters

State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *Paint & Portland Cement & Bitumastic* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. *Cellular*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>120</i>	<i>511</i>	Fore peak tank,		<i>91</i>
Double bottom, under Engines and Boilers,	<i>41</i>	<i>213</i>	After peak tank,		<i>120</i>
Double bottom, if under Engines only,			Deep tank, aft,		<i>858</i>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>182</i>	<i>847</i>	Other tanks, if fitted,		
Total capacity of double bottom		<i>1571</i>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules *Yes*

Order for Special Survey No. *634*

Date *16<sup>th</sup> Feb 1918*

No. *554* in builder's yard.

DATES OF SURVEYS  
held while building

*From 23<sup>rd</sup> Sept: 1918 to 27<sup>th</sup> May 1919.*

Surveyor's Signature

*D. Kendall*

Total No. of Visits *31*

Lloyd's Register  
Foundation